

United States of America  
Department of Transportation — Federal Aviation Administration  
**Supplemental Type Certificate**

December 4, 1980

*Number* SH1102NW

*This certificate, issued to* Columbia Helicopters, Inc.

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 7 of the Civil Air Regulations:* dated August 1, 1956 (See TC Data Sheets 1H16 and H1PC)

*Original Product—Type Certificate Number:* 1H16 and H1PC

*Make:* Boeing Vertol and Kawasaki

*Model:* V-107-II and KV-107-II

*Description of Type Design Change:*

Installation of transmission oil cooler blower drive shaft adapter, Boeing Vertol P/N 107D3068-3, modified per FAA sealed Columbia Helicopter Inc. Drawing No. CHI02701, Revision B dated November 26, 1980.

*Limitations and Conditions:* The approval of this change in type design applies basically to the above model aircraft only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of these aircraft. A copy of this STC and Addendum No. SH1102 must be included in the permanent records for the modified aircraft.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* April 29, 1980

*Date reissued:*

*Date of issuance:* December 4, 1980

*Date amended:*



*By direction of the Administrator*  
*Charles C. Schroeder*  
(Signature)

Acting Chief, Seattle Area Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.